

**Northeast AZ Regional STEM Fair**  
**Judge's Scoring Sheet for March 3-4, 2016**

**Project No.** \_\_\_\_\_ **Division:** \_\_\_\_\_ **Project Title:** \_\_\_\_\_

<b>Project Elements</b>	<b>Score</b>	<b>Optional Comments</b>
<b>Presentation (Display Board and Project Data Book):</b> Elements – Aesthetically pleasing, organized, creative, is the information easy to understand?	<b>0, 2, 4, 6</b>	
<b>Testable question:</b> references a cause and effect relationship and a measureable change	<b>0, 1, 2, 3</b>	
<b>Background Research</b> is diverse, multiple sources are cited and are complete	<b>0, 1, 2, 3</b>	
<b>Hypothesis</b> is based on background research	<b>0, 1, 2, 3</b>	
<b>Variables</b> are clearly defined (independent, controlled, dependent) – may be worded as “What I changed”, “What I kept the same”, and “What I measured”.	<b>0, 1, 2, 3</b>	
<b>Materials</b> are appropriate and a detailed list is given. <b>Procedure</b> is sequential and describes the investigation clearly and was <b>repeated a minimum of 3 times</b> .	<b>0, 1, 2, 3</b>	
<b>Quantitative Data:</b> numbers, standard metric units, scale made up by the student <b>Qualitative Data:</b> words, descriptions of physical or behavioral changes	<b>0, 2, 4, 6</b>	
<b>Analysis:</b> describes the trends or patterns found in the data; may have comments on reasons for trends or patterns	<b>0, 2, 4, 6</b>	
<b>Conclusion:</b> based on the analysis of the data; acceptance or rejection of hypothesis or success of solution/invention; suggestions for further efforts	<b>0, 1, 2, 3</b>	
<b>Required for projects 5<sup>th</sup> grade –High School</b> <b>Abstract</b> concisely sums up the project explaining the test, the outcome, and the conclusion. Not to exceed 250 words.	<b>0, 2, 4, 6</b>	
<b>Total Score:</b> To place, you must have a score in each project element. (Grades 5 and up) – no zeroes		

**Additional Judge's comments to the student:**

**Scoring Guide:**

**0 = Not present, 1= Partial, 2= Complete, 3= Exceptional**

**2 = Partial, 4 =Complete, 6= Exceptional**

**In the event of a tie for place, the Creativity Rubric will be use.**